

(3.0026)

**Notes on a Rare Beetle, *Cerophytum pulsator* Hald.**

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On May 3, 1970 while sweeping herbage and flowers under sugar maples in partially open woods in the extreme northeast sector of Tippecanoe County, Indiana, I came across a very interesting beetle. To the naked eye it seemed to be some sort of a dryopid or anobid. Attempts to key out the beetle lead to nothing but frustration. Several times in the course of the summer I would take out the specimen, look at it, and give up again. On a rainy September afternoon Ross Arnett took up the challenge and after a rather long struggle decided that we had a male of *Cerophytum pulsator* Hald., one of the two known North American species of the family Cerophytidae, the so-called Rare Click Beetles. The only record that we have of the occurrence of this species is given by Horn (1886) who states that it occurs from Pennsylvania to Illinois to North Carolina and is very rare.

Our single specimen is a robust black beetle 5.5 mm. in length. (Horn states that they are 7-8.5 mm. in length.) The palpi and tarsi are ferruginous, the pronotum is much broader than long with the sides strongly arcuate in front and slightly convergent behind, the surface rather densely covered with yellowish pubescence, and with rather coarse and dense punctures. The surface of the elytra is finely, densely punctate and slightly rugose giving it a rather dull appearance and has striae of rather close deep punctures. The antennae are strongly pectinate (those of the female according to Horn being serrate). Beneath the prosternum is lobed anteriorly, the coxae are round and separate, the metafemoral plates absent, the trochanters large, that of the hind legs being almost as long as the femora, the tarsal formula 5-5-5 with the first segment as long as the next four combined, and all are densely pubescent beneath with the claws pectinate on the basal half.

REFERENCE

- HORN, G. H. 1886. Monograph of Eucneminae. Trans. American Ent., 13, pp. 5-58.  
Descriptors: Coleoptera; Cerophytidae; collecting data and description; Indiana.